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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/941,528	08/30/2001	Werner Van Hoof	42175/JEC/X2/134055	4825
35114	7590	06/15/2005	EXAMINER	
ALCATEL INTERNETWORKING, INC. ALCATEL-INTELLECTUAL PROPERTY DEPARTMENT 3400 W. PLANO PARKWAY, MS LEGL2 PLANO, TX 75075			TREAT, WILLIAM M	
		ART UNIT	PAPER NUMBER	
		2183		

DATE MAILED: 06/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

<b>Application No.</b>	<b>Applicant(s)</b>	
09/941,528	HOOF ET AL.	
<b>Examiner</b>	<b>Art Unit</b>	
William M. Treat	2183	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) Responsive to communication(s) filed on 31 March 2005.
- 2a) This action is **FINAL**.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) 1-6 and 12-17 is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 7-11 and 18-22 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 30 August 2001 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 8/19/04.
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date: \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_.

1. Claims 7-11 and 18-22 are presented for examination.
2. Claims 1-6 and 12-17 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 3/31/2005.
3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

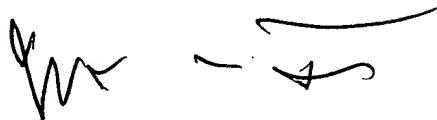
(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 7-11 and 18-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Davis et al. (Patent No. 6,829,697).
5. Davis taught a packet processor including a plurality of logic blocks (col. 3, lines 15-33), each logic block comprising: an input receiving a first packet data associated with a first packet and a second packet data associated with a second packet (Fig. 2, col. 15, lines 30-46; col. 30, lines 23-26; and col. 6, lines 42-54); a storage device storing the first packet data and the second packet data (col. 3, lines 24-26 and col. 6, lines 53-54); a sub-processor coupled to the storage device, the sub-processor switching from processing the first packet data to processing the second packet data while awaiting a processing result for the first packet data (col. 15, line 47 through col. 16, line 1).

6. As to claim 8, Davis taught the packet processor of claim 7, wherein the processing result is a conditional branch instruction result (col. 16, line 65 through col. 17, line 3).
7. As to claim 9, Davis taught a pipelined processor comprising a plurality of logic blocks, a first logic block for performing a first operation on a first processing instruction associated with a first packet and forwarding the first processing instruction to a second logic block for performing a second operation, the first logic block receiving a second processing instruction associated with a second packet if a potential stall is expected in processing the first processing instruction, the first logic block performing the first operation on the second processing instruction concurrently with the second operation on the first processing instruction (col. 3, lines 24-26; col. 11, lines 3-7; col. 12, lines 12-20 and see paragraphs 5-6, *supra*).
8. Note that the core language processors (CLP) both fetch the co-processor instructions and initiate them on the protocol processor unit (PPU) co-processors.
9. As to claim 10, Davis taught the pipelined processor of claim 9, characterized in that the first logic block receives a third processing instruction associated with the first packet if no potential stall is expected in processing the first processing instruction (col. 15, line 47 through col. 16, line 1).
10. As to claim 11 and claims 18-22, they fail to teach or define over rejected claims 7-10.
11. Any inquiry concerning this communication should be directed to William M. Treat at telephone number (571) 272-4175. The examiner works at home on

Wednesdays but may normally be reached on Wednesdays by leaving a voice message using his office phone number. The examiner also works a flexible schedule but may normally be reached in the afternoon and evening on three of the four remaining weekdays.

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



WILLIAM M. TREAT  
PRIMARY EXAMINER